

### ABSTRACT OF THE DISCLOSURE

An immunological or immunohematological assay system is disclosed that includes a vessel capable of containing an assay sample, an incubator, a sample separation system, an image acquisition system, and a pipettor. The immunological assay system may also include a washer.

- 5 Also disclosed is an immunological assay method that includes the steps of placing a immunological assay sample in a vessel, which may include a filter; adding testing reagents to the vessel; incubating the sample and reagent mixture in the vessel; separating the sample and reagent mixture in the vessel into components that have and have not reacted; and analyzing the vessel to determine the presence of interactions between the sample and reagents. The bottom of
- 10 the vessel is preferably of a material that aids in spreading out the reacted components of the sample evenly over the bottom of the vessel so that interactions can more easily be analyzed.